



12D Fund Request Application



**Deadline for Applications is October 12,
2012**

Entity requesting funds Gila Community College

**Please check
type of entity**

☐ City

☐ County

☒ **Economic
Development**

8274 Six Shooter Canyon

Globe

Arizona

85501

Address

City

State

Zip Code

Dr. Stephen Cullen

Senior Dean

928-425-8481

Contact Person

Title

Phone

8274 Six Shooter Canyon

Globe

Arizona

85501

Address of Contact Person

City

State

Zip Code

Equipment for biology classes/Allied Health Training Laboratory

Scope of Project/Request

\$ 42,048.00

Amount Requested

Timeframe

(Use of funds)

From October 2012

Indefinite

College students/Allied Health students

(Equipment will be well maintained & available for
many years for students)

Possible beneficiaries of funds requested

Narrative and description of project/request

Gila Community College (GCC) provides several biology courses that all include human biology topics and also has a Registered Nurses Associates Degree Program. The nursing program pre-requisites include biology classes. The college does not collect laboratory fees in an effort to keep students educational costs affordable; however, this practice prevents GCC from building funding capacity and improving our science lab space with current state-of-the-art equipment.

One type of equipment that is standard in human biology laboratories for both education and research across the country are multi-parameter data collectors. These various probes can be attached to a student and sent to a computer where data is collected for analysis by the student. (Please see attached page)



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Identification of mechanism for reporting on use of funds (recommended at quarterly intervals).

Quarterly reports will be provided that will include cash management reporting describing the equipment purchased and total funds spent. Back up documentation will be provided that will include invoices and sales receipts. Also included in quarterly reports will be the number of students and classrooms that utilized the equipment. These reports will be provided for one year after receipt of funds or for the length of time required by Apache Gold Casino.

Additional comments (if more space is needed, please attach additional sheets to application).

Gila Community College (GCC) routinely works with the economic development agencies and employers within the county to support the effort to attract businesses to the area and to help foster the expansion of existing businesses. Employers are always interested in the type of workers available and the availability of local training to meet their specific requirements.

GCC consistently strives to develop workforce programs for Gila County students and to provide quality instruction and equipment required for hands on instruction. Students trained in the Allied Health classes become employed by local home health agencies, Cobre Valley Hospital, urgent care facilities, doctor's offices and many anticipate being hired at the new San Carlos Hospital currently scheduled to open in 2013. Enhanced training will ensure our students are competitive in their pursuit of employment after graduation.

Dr. Stephen Cullen

Date

Signature of City, Town or County Official supporting this application must be provided here for application to be complete (Examples Mayor, Vice-Mayor, Council, Supervisor, Treasurer, Town Manager):

Tommie C. Martin, Chairman
Gila County Board of Supervisors

Date

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Narrative and description of project/request continued:

These machines can be built upon through additional probes that include: heart rate, respiration, blood gas, blood pressure, and temperature. Systems level experiments can be done for metabolism, nerve conduction, circulation, fluid balance, etc. The availability of this equipment will provide an introduction to the type of technology that will be utilized in the workplace.

Another basic item that the college lacks is full size skeletons for our science laboratories. Presently, mini-models are utilized to learn human anatomy; human cadavers are much too expensive and are used primarily in medical universities. Replica full size skeletons are now readily available that would assist students learning bone, ligament, muscle and flexure biology.

Multiple teaching methodologies are utilized to achieve a high standard of instruction in the field of science. The academic rigors are outlined by the university system in Arizona. Science is at the very foundation of the academic preparedness for college students in Arizona. Proper funding will assure that Gila County keeps pace with ever increasing academic mandates.

Budget

Quantity	Item	Cost Per	Total
8	iWorx Advanced Human Physiology Teaching Kit HK/214	\$3,295.00	\$26,360
8	Dell Computers	900.00	7,200
8	Wards 3B Flexible Skeleton 82W3020	811.00	6,488
		Subtotal	40,048
	Shipping/Handling//Tax	2,000	2,000
		Grand total	\$42,048

The requested equipment will be placed in Globe at the Gila Pueblo Campus. Staff proposes to pursue funding to purchase additional equipment from other sources for the Payson Campus and the San Carlos Campus in the very near future.